

Benefits:

- Has minimum effect of temperature and pressure on viscosity.
- Has low pour point .• Low vapour pressure.
- High surface activity and compressibility.
- Chemically and physiologically inert. • Non toxic in nature.
- High interfacial tension to water and organic polymers. • Nonpolar and insoluble in water.
- Miscible in higher alcohols as well as in typical aliphatic, aromatic & halogenated hydrocarbons.
- Enhanced productivity and high temperature performance.

Applications:

Can be used as

- Heat transfer media • Mould Release agent • Water repellent. • Polish.
- Lubricant for rubber&plastic components. • Antifoam.
- Damping Fluid. • Hydraulic Fluid.
- Auxiliary for manufacture of cosmetics & pharmaceuticals.

| Characteristics | Test Method | Unit | SF 100 | SF 350 | SF 500 | SF 1000 |
|-----------------------|-------------|--------|-------------|-------------|-------------|-------------|
| Appearance | Visual | - | Clear Fluid | Clear Fluid | Clear Fluid | Clear Fluid |
| Colour | Visual | - | Water White | Water White | Water White | Water White |
| Silicone Content | - | % | 100 | 100 | 100 | 100 |
| Density@25°C[typ.] | *CTM | gms/cc | 0.97 ± 0.03 | 0.97 ± 0.03 | 0.97 ± 0.03 | 0.97± 0.03 |
| Viscosity @ 25°C | ASTM D 88 | cSt | 100 ± 10 | 350 ± 35 | 500 ± 50 | 1000 ± 100 |
| Flash Point [approx.] | ASTM D 92 | °C | 325 | 325 | 325 | 325 |
| Fire Point [approx.] | ASTM D 92 | °C | 375 | 375 | 375 | 375 |
| Pour Point [approx.] | ASTM D 97 | °C | - 65 | - 65 | - 65 | - 65 |
| Operating Temperature | - | °C | -60 /+200 | -60 /+200 | -60 /+200 | -60 /+200 |

*CTM=Corporate Test Method

MSDS available on request.

Due to continual upgradation of products above data is subject to change without notice

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This supersedes our previously issued data sheets.

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